ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	1/10/01	01-0023	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.06_DPS.05A to DAACs, VATC, PVC. EcDpPrCleanMaintMachineFiles.pl file was omitted from the 5B.06_DPS.05 delivery. This revision provides this missing file.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date:
1/10/01		CCR	01/11/2001

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for Tim O'Hara 1/10/01	Update ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	N/A	DPS

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:
CCR 01-0008

23. Problem: (use additional Sheets if necessary)
EcDpPrCleanMaintMachineFiles.pl script file was omitted from the 5B.06_DPS.05 delivery. This revision provides this missing file.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.06_DPS.05A This revision provides this missing file. TE can be loaded on top of DPS installations of 5B.06. with 5B.06_DPS.05 also installed

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.07 is available.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs must continue to work around the problems and/or modify operating procedures.

27. Justification for Emergency (If Block 15 is "Emergency"):
Needed to correct CCR 01-0008.

28. Site(s) Affected: ☐EDF ☐PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): 1/11/01	**Disposition:** (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 1/10/01	**Disposition:** (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

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ADDITIONAL SHEET

CCR #: 01-0623 **Rev:** — **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.06_DPS.05A to DAACs, VATC, PVC. EcDpPrCleanMaintMachineFiles.pl file was omitted from the 5B.06_DPS.05 delivery. This revision provides this missing file.

CONTENT:
CM:
Please generate a SUN TAR file for

/ecs/formal/PDPS/DPS/PRONG/scripts/EcDpPrCleanMaintMachineFiles.pl

SMC: distribute to the DAACs.

DAAC Install Instructions:

This TE, 5B.06_DPS.05A must be used on top of 5B.06 installations where 5B.06_DPS.05 has been installed.

1. Get TAR File from SMC distribution;

2. UNTAR the file and copy to the staging area.

3. Copy the file from the staging area to the destination dir:

usr/ecs/<mode>/CUSTOM/utilities/

Use the 'cp' command to do the copy to all modes required for all occurrances of the QueSRVR.
Use the same permissions and ownerships for this file as other similar utility scripts.

Information about the script:

ECSed28865
Summary of NCR fix:

The script now resets the onlinestate to zero if the corresponding parameter is supplied, indicating that it needs to reset it. Also it checks for sybase, quitting if sybase is not found. In addition it warns the user that this script is to be run on the queing server.
Files in Task:
/ecs/formal/PDPS/DPS/PRONG/scripts/EcDpPrCleanMaintMachineFiles.pl
/ecs/formal/PDPS/DPS/PRONG/scripts/EcDpPrCleanMaintMachineFiles.pl
Test Instructions for Checkout Lab:
a) In the mode where the test is to be done, schedule one or two plans with lots of DPRs.
b) When some DPR's have finished and others are halfway through open the registry GUI for the mode; Look for the box corresponding to the
queing server (the server running job management), find Job Management, and click on it. When the parameters appear to the right,
reset the value of DpPrAutosysMaxJobs to zero after noting down it's
initial value. Kill job management for that mode and restart it.
c) When all the DPR's go out of the box and the system is quiet,
copy the script into a test directory and run it against the mode,
choosing a science processor which is supposed to go down. RUN IT
ON THE MACHINE ON WHICH JOB MANAGEMENT IS RUN!

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d) After the run open the registry and res[illegible]e value of DpPrAutosysMaxJobs to it's origin[illegible]lue. Kill Job management and restart it.
The rest of the dprs should run on the other science processor without failing.

ECSed28299
Summary of NCR fix:

A script to remove all the files pertaining to a computer (science processor) from the database and also from the computer that was requested. This is the script EcDpPrCleanMaintMachineFiles.pl
Reason for Merge: newfunc Capability ID: Script
Files in Task:
/ecs/formal/PDPS/DPS/PRONG/.EcDpPrQUESRVR.iu@@/main/relb/pacharya_ECSed282995B/1
/ecs/formal/PDPS/DPS/PRONG/scripts/EcDpPrCleanMaintMachineFiles.pl@@/main/pacharya_ECSed282995B/1
/ecs/formal/PDPS/DPS/PRONG/scripts@@/main/relb/maint_DROP5B/pacharya_ECSed282995B/1

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